

Organic Chemistry

Sr	Questions	Answers Choice
1	In which of the following groups , oxygen is attached on both sides with carbon atoms.	A. Ketone group B. Ether group C. Aldehyde group D. Ester group
2	The 1st organic compound prepared in laboratory.	A. Urea B. NaCl C. Thiourea D. Pyridine
3	The ability of carbon atoms to form chains is called.	A. Isomerism B. Catenation C. Resonance D. Condensation
4	The general formula of alkane is	A. C_nH_{2n+2} B. C_nH_{2n-2} C. C_nH_{2n} D. C_nH_{2n+1}
5	Which one of the following is a synthetic fibre?	A. Cotton B. Wool C. nylon D. silk
6	Which of the following statements is not true about fossil fuels?	A. they all contain carbon B. They are renewable C. they produce pollutants when burnt D. they cause acid rain
7	The coal in which the percentage of carbon is 60%	A. Peat B. Lignite C. Bituminous D. Anthracite
8	The functional group- COOH is found in	A. Carboxylic acid B. aldehydes C. alcohols D. ester
9	Vital force theory was rejected by.	A. Jabir Bin Hayan B. Drawin C. Wohler D. Berzelius
10	Formula of acetaldehyde is:	
11	In laboratory urea was prepared by	A. Wohler B. Rutherford C. Berzelius D. Dalton
12	Which one of the following is not a fossil fuel?	A. Coal B. Natural gas C. Bio gas D. Petroleum
13	Bond energy of C-C is.	A. 200 KJmol^{-1} B. 452 KJmol^{-1} C. 300 KJmol^{-1} D. 355 KJmol^{-1}
14	Petroleum is refined by	A. Destructive distillation B. Fractional distillation C. Simple distillations D. Dry distillation
15	Number of discovered elements till today are.	A. 140 B. 118 C. 90 D. 16
16	The strong heating of coal in retorts in the absence of air is called.	A. Fractional distillation B. sublimation C. Roasting

D. Destructive distillation

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The formula which represents the actual number of atoms in one molecule of organic compound is called.

- A. Molecular formula
- B. Structural formula
- C. Condensed formula
- D. Dot and cross formula

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The strong heating of coal in the absence of air is called.

- A. Carbonization
- B. Destructive distillation
- C. Fractional distillation
- D. All

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The % age of carbon in coke is

- A. 60
- B. 70
- C. 90
- D. 98

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The functional group -COOH is found in.

- A. Aldehydes
- B. Esters
- C. Carboxylic acids
- D. alcohols